

2 Way-0° Power Splitter/Combiner

ZN2PD-ED9717/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1150.0	3.30	3.35	0.05	9.65	0.10	1150.0	1.69	1.22	1.23
1250.0	3.27	3.32	0.05	10.34	0.09	1250.0	1.64	1.18	1.20
1350.0	3.20	3.25	0.04	11.00	0.14	1350.0	1.59	1.16	1.18
1450.0	3.23	3.28	0.05	11.79	0.15	1450.0	1.53	1.14	1.15
1550.0	3.20	3.25	0.05	12.57	0.20	1550.0	1.48	1.12	1.14
1650.0	3.21	3.26	0.05	13.47	0.18	1650.0	1.42	1.11	1.12
1750.0	3.19	3.23	0.04	14.45	0.23	1750.0	1.37	1.10	1.11
1850.0	3.20	3.25	0.05	15.57	0.27	1850.0	1.31	1.09	1.11
1950.0	3.19	3.23	0.04	16.82	0.30	1950.0	1.26	1.09	1.10
2050.0	3.19	3.24	0.05	18.33	0.27	2050.0	1.21	1.09	1.10
2150.0	3.20	3.24	0.04	20.13	0.22	2150.0	1.16	1.09	1.10
2250.0	3.15	3.20	0.05	22.39	0.34	2250.0	1.12	1.10	1.11
2300.0	3.24	3.27	0.03	23.88	0.30	2300.0	1.09	1.10	1.11
2350.0	3.27	3.31	0.05	25.62	0.28	2350.0	1.08	1.10	1.11
2400.0	3.20	3.24	0.04	27.62	0.37	2400.0	1.06	1.10	1.11
2450.0	3.24	3.27	0.03	30.35	0.35	2450.0	1.05	1.10	1.11
2500.0	3.31	3.34	0.04	34.10	0.27	2500.0	1.05	1.11	1.11
2550.0	3.27	3.32	0.05	38.98	0.34	2550.0	1.06	1.11	1.11
2600.0	3.26	3.29	0.04	39.84	0.32	2600.0	1.07	1.11	1.11
2650.0	3.35	3.39	0.04	35.16	0.30	2650.0	1.09	1.11	1.11
2700.0	3.30	3.34	0.04	31.34	0.34	2700.0	1.11	1.10	1.10
2750.0	3.32	3.37	0.05	28.66	0.30	2750.0	1.13	1.10	1.10
2800.0	3.33	3.38	0.05	26.61	0.32	2800.0	1.15	1.10	1.10
2850.0	3.36	3.40	0.05	25.01	0.37	2850.0	1.17	1.09	1.09
2900.0	3.35	3.40	0.05	23.63	0.32	2900.0	1.18	1.09	1.08
3000.0	3.37	3.42	0.05	21.46	0.31	3000.0	1.22	1.08	1.07
3100.0	3.37	3.43	0.06	19.75	0.30	3100.0	1.25	1.06	1.04
3200.0	3.37	3.42	0.05	18.36	0.27	3200.0	1.28	1.04	1.02
3300.0	3.35	3.42	0.07	17.12	0.41	3300.0	1.30	1.03	1.01
3400.0	3.34	3.41	0.07	16.06	0.32	3400.0	1.32	1.03	1.04
3500.0	3.33	3.40	0.08	15.08	0.57	3500.0	1.35	1.05	1.07
3600.0	3.33	3.44	0.12	14.16	0.39	3600.0	1.36	1.09	1.12
3700.0	3.24	3.32	0.08	13.23	0.35	3700.0	1.38	1.12	1.16
3800.0	3.38	3.54	0.15	12.54	0.65	3800.0	1.41	1.17	1.21
3900.0	3.26	3.42	0.16	11.61	0.32	3900.0	1.44	1.22	1.27
4000.0	3.28	3.42	0.14	10.84	0.72	4000.0	1.48	1.27	1.33
4100.0	3.41	3.60	0.20	10.18	0.68	4100.0	1.52	1.34	1.41
4200.0	3.33	3.51	0.17	9.35	0.90	4200.0	1.56	1.39	1.47

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ZN2PD-ED9717/1
100707
Page 1 of 1